

Kennecott Barneys Canyon Mining Com
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m/035/009

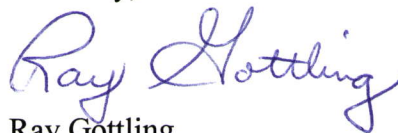
February 21, 2000

Lynn Kunzler
Senior Reclamation Specialist
Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
PO Box 145801
Salt Lake City, Utah 84114-5801

Dear Mr. Kunzler:

Attached is the planned seed mix and seedling list to be used for revegetation of the sulfide repository caps at the Barneys Canyon Mine. Thank you for your help in developing this list during your phone conversations with Rich Borden on February 8 and 15, 2000. As was discussed then, the original seed mix proposed for the sulfide repositories needs to be changed because the cap design has been modified. The new cap design and species mix will minimize infiltration by promoting water storage in the cap during the wet season and by encouraging the establishment of deep-rooted plants to increase annual evapotranspiration rates. If you have any other questions or comments on this project please contact me at 569-7110 or Rich Borden at 569-6208.

Sincerely,



Ray Gottling
Operations Manager
Barneys Canyon Mine

Attachment

cc: Dan Hall, Division of Water Quality

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Common Name	Scientific Name	Pure Live Seed (lbs/acre)
Grasses		
bluebunch wheatgrass(1)	Agropyron spicatum	2
intermediate wheatgrass	Agropyron intermedium	2
great basin wildrye	Elymus cinereus	2
canby bluegrass	Poa canby	1
mountain rye	secale montanum	3
Legumes		
yellow sweetclover	Melilotus officinalis	0.5
cicer milkvetch	Astragalus cicer	2
ladak alfalfa	Medicago sativa	1
Forbs		
white yarrow	Achillea millefolium	0.1
small burnett	Sanguisorba minor	1.5
palmer penstemon	Penstemon palmeri	0.5
Shrubs		
mountain big sagebrush	Artemisia tridentata vaseyana	0.2
rubber rabbitbrush	Chrysothamnus nauseosus	0.5
forage kochia	Kochia prostrata	0.5
woods rose	Rosa woodsii	1
Total		17.8
Seedlings		
gambel oak	Quercus gambelli	150 plants/acre
common snowberry(2)	Symphoricarpus albus	150 plants/acre
bitterbrush	Purshia tridentata	150 plants/acre
curl leaf mountain mahogany	Cercocarpus ledifolius	150 plants/acre
(1) Western wheatgrass (Agropyron smithii) may be substituted for bluebunch wheatgrass if necessary.		
(2) Mountain Snowberry (Oreophilus symphoricarpus) may be substituted for common snowberry if necessary.		

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